



# results of BLAST

BLASTN 2.2.12 [Aug-07-2005]

**Reference:**

Altschul, Stephen F., Thomas L. Madden, Alejandro A. Schäffer, Jinghui Zhang, Zheng Zhang, Webb Miller, and David J. Lipman (1997), "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 25:3389-3402.

RID: 1126736288-26655-34332709773.BLASTQ1

**Database:** All GenBank+EMBL+DDBJ+PDB sequences (but no EST, STS, GSS, environmental samples or phase 0, 1 or 2 HTGS sequences)  
3,491,285 sequences; 15,298,534,039 total letters

If you have any problems or questions with the results of this search please refer to the [BLAST FAQs](#)  
[Taxonomy reports](#)

Query=

(27 letters)

## Distribution of 27 Blast Hits on the Query Sequence



Mouse over to see the define, click to show alignments



Sequences producing significant alignments:

Score E  
(Bits) Value

**BEST AVAILABLE COPY**



<a href="#">gi 163282 gb M18780.1 BOVLACTBA</a>	Bovine alpha-lactalbumin mRNA, c	40.1	0.10	
<a href="#">gi 46391243 gb AC147073.2 </a>	Pan troglodytes BAC clone RP43-169D10	38.2	0.40	
<a href="#">gi 2275186 gb AC002381.1 </a>	Homo sapiens BAC clone CTB-20D2 from 7	38.2	0.40	
<a href="#">gi 29294450 gb AC142331.1 </a>	Pan troglodytes BAC clone RP43-28J15	38.2	0.40	
<a href="#">gi 33235831 gb AC145774.1 </a>	Pan troglodytes BAC clone RP43-160F1	38.2	0.40	
<a href="#">gi 53386809 gb AC147976.3 </a>	Pan troglodytes BAC clone CH251-54...	38.2	0.40	
<a href="#">gi 49237636 emb BX897699.1 </a>	Bartonella henselae strain Houston-1	36.2	1.6	
<a href="#">gi 54633118 emb BX465862.7 </a>	Zebrafish DNA sequence from clone...	36.2	1.6	
<a href="#">gi 52627367 gb AE017354.1 </a>	Legionella pneumophila subsp. pneu...	34.2	6.2	
<a href="#">gi 71533370 gb AC154487.2 </a>	Mus musculus BAC clone RP24-119I4 ...	34.2	6.2	
<a href="#">gi 9105283 gb AE003895.1 </a>	Xylella fastidiosa 9a5c, section 41...	34.2	6.2	
<a href="#">gi 21537450 emb AL627095.8 </a>	Human DNA sequence from clone RP1...	34.2	6.2	
<a href="#">gi 16973165 emb AL603791.3 </a>	Human DNA sequence from clone RP1...	34.2	6.2	
<a href="#">gi 15591207 emb AL450243.13 </a>	Human DNA sequence from clone RP...	34.2	6.2	
<a href="#">gi 61966681 emb BX927163.31 </a>	Zebrafish DNA sequence from clon...	34.2	6.2	
<a href="#">gi 68131775 gb AC138596.13 </a>	Mus musculus chromosome 1, clone RP2	34.2	6.2	
<a href="#">gi 34482125 gb AC132619.3 </a>	Mus musculus BAC clone RP23-195N4 ...	34.2	6.2	
<a href="#">gi 23592205 gb AC122835.3 </a>	Mus musculus BAC clone RP23-187I18 fr	34.2	6.2	
<a href="#">gi 54110613 emb BX537142.10 </a>	Zebrafish DNA sequence from clon...	34.2	6.2	
<a href="#">gi 46848201 emb BX322623.7 </a>	Zebrafish DNA sequence from clone...	34.2	6.2	
<a href="#">gi 21629273 gb AC112175.2 </a>	Homo sapiens chromosome 5 clone CTD-2	34.2	6.2	
<a href="#">gi 45581130 emb AL928617.13 </a>	Mouse DNA sequence from clone RP...	34.2	6.2	
<a href="#">gi 16197757 gb AC008379.7 </a>	Homo sapiens chromosome 5 clone CTC-2	34.2	6.2	
<a href="#">gi 47118328 dbj BA000012.4 </a>	Mesorhizobium loti MAFF303099 DNA, c	34.2	6.2	
<a href="#">gi 28057550 gb AE012559.1 </a>	Xylella fastidiosa Temecula1, sec...	34.2	6.2	
<a href="#">gi 9930130 gb AF250324.1 AF250324</a>	Homo sapiens chromosome 4q3...	34.2	6.2	
<a href="#">gi 56542470 gb AE008692.1 </a>	Zymomonas mobilis subsp. mobilis ZM4,	34.2	6.2	

## Alignments

Get selected sequences


Select all

Deselect all

> ☐ [gi|163282|gb|M18780.1|BOVLACTBA](#)   Bovine alpha-lactalbumin mRNA, complete cds  
Length=703

Score = 40.1 bits (20), Expect = 0.10  
Identities = 20/20 (100%), Gaps = 0/20 (0%)  
Strand=Plus/Minus

Query 8 CAAATCAGGCTTTTATTCGG 27  
|||||  
Sbjct 703 CAAATCAGGCTTTTATTCGG 684

> ☐ [gi|46391243|gb|AC147073.2|](#)  Pan troglodytes BAC clone RP43-169D10 from 7, compl  
Length=159447

Score = 38.2 bits (19), Expect = 0.40  
Identities = 19/19 (100%), Gaps = 0/19 (0%)  
Strand=Plus/Minus

Query 9 AAATCAGGCTTTTATTCGG 27  
|||||  
Sbjct 112937 AAATCAGGCTTTTATTCGG 112919